



Model	EP729	EP716	EP719	EP739
Weight (lbs)	2.2	4.4	4.4	5.3
ANSI lumens	1600	1800	2000	2500
Contrast (Full On/Off)	2200:1	2000:1	2500:1	2000:1
Native Resolution	XGA (1024 x 768)	SVGA (800 x 600)	XGA (1024 x 768)	XGA (1024 x 768)
Max. Resolution (resized)	SXGA+ (1400 x 1050)	SXGA+ (1400 x 1050)	SXGA+ (1400 x 1050)	SXGA+ (1400 x 1050)
Technology	0.7 DDR DLP™	0.55 DDR DLP™	0.55 DarkChip2™ DLP™	0.7 DDR DLP™
Size (W x L x H Inches)	7.87 x 2.46 x 6 inches	9 x 3.7 x 8.26 inches	9 x 3.7 x 8.26 inches	10.4 x 4.11 x 9.3 inches
Light Type	156W P-VIP Lamp	200W UHP lamp	200W UHP lamp	200W SHP
Bulb Life	3000/4000(EcoMode)	2000/3000(EcoMode)	2000/3000(EcoMode)	3000 / 5000(EcoMode)
HDTV	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i
Focus	Manual	Manual	Manual	Manual
Optical Zoom	Manual Zoom, F/2.7 – 2.88 f = 28.43 – 32.75mm	F=2.7~3.0; f=21.83-23.81mm: 1:1.1 Manual Zoom and Focus	F=2.7~3.0; f=21.83-23.81mm: 1:1.1 Manual Zoom and Focus	F/2.44 – 2.69, f = 28.8 – 34.5mm, 1.2 Manual Zoom w/Optional 0.8x short throw lens
Horizontal scan rate (KHz)	31.5 – 80	15 – 100	15 – 100	15 – 100
Vertical refresh rate (Hz)	56 – 85	43 – 85	56 – 85	43 – 120
Noise (dB)	33dB	32dB / 28dB EcoMode	32dB / 28dB EcoMode	32dB / 27dB EcoMode
Throw Ratio	2.0 – 2.3:1	1.93 – 2.13:1	1.93 – 2.13:1	2.0 – 2.4:1
Image size (Diagonal)	31.87 – 300 inches	24.6 – 300 inches	24.6 – 300 inches	24.6 – 300 inches
I/O Connectors	<b>Inputs:</b> VGA (YPbPr/RGB), S-Video, Composite Video <b>Audio:</b> N/A <b>Outputs:</b> N/A <b>Communications:</b> USB Mouse Port, 2 x IR receiver	<b>Inputs:</b> Dual VGA (YPbPr/RGB), S-Video, Composite Video <b>Audio:</b> Audio minijack <b>Outputs:</b> VGA monitor loop through <b>Communications:</b> 2 x IR receiver	<b>Inputs:</b> DVI-D HDCP, VGA, S-Video, Composite video <b>Audio:</b> Audio minijack <b>Outputs:</b> VGA monitor loop through <b>Communications:</b> 2 x IR receiver	<b>Inputs:</b> DVI-D HDCP, VGA, S-Video, Composite video, USB <b>Audio:</b> Audio minijack <b>Outputs:</b> VGA monitor loop through <b>Communications:</b> RS-232, USB, 2 x IR receiver
Speaker	No	One-2 watt speaker	One-2 watt speaker	Two-2 watt speakers
Warranty (years)	2	1	1	2
Available (MP)	Now	Now	Now	Now
UPC Code	796435 11 521 0	796435 11 609 5	796435 11 607 1	796435 11 567 8
Notes	<ul style="list-style-type: none"> <li>• Compact, Lightweight, XGA</li> <li>• Remote Mouse w/laser pointer</li> <li>• 4000 lamp life</li> <li>• Estimated 10 second shutdown time</li> </ul>	<ul style="list-style-type: none"> <li>• User password security for administrative control</li> <li>• Adjustable cooling fan speeds</li> <li>• Dual VGA/YPbPr, composite, and S-video input</li> <li>• Travel-ready – at only just 4.4lbs</li> <li>• Auto power off timer to save lamp usage</li> </ul>	<ul style="list-style-type: none"> <li>• User password security for administrative control</li> <li>• Adjustable cooling fan speeds</li> <li>• Extensive connectivity for true HD digital DVI-D w/HDCP, VGA(YPbPr) for HDTV connection</li> <li>• Auto power off timer to save lamp usage</li> </ul>	<ul style="list-style-type: none"> <li>• 5000 hour bulb life</li> <li>• Variable fan speed for high altitude</li> <li>• Auto power off timer</li> <li>• Adjustable vertical 16:9 image positioning</li> <li>• Optional short throw lens</li> <li>• DVI w/HDCP, VGA (YPbPr) for HDTV connection</li> </ul>

# CORPORATE/EDUCATION PROJECTORS **Spring 2006**

## PRODUCT REFERENCE GUIDE

For more information, please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) or call (408) 383-3700.

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Model	EP747	EP758	EP759	EP910
Weight (lbs)	7	7.5	7.5	10
ANSI lumens	3000	3000	3500	3500
Contrast (Full On/Off)	2000:1	2000:1	2000:1	3000:1
Native Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	SXGA+ (1400 x 1050)
Max. Resolution (resized)	SXGA+ (1400 x 1050)	UXGA (1600 x 1200)	UXGA (1600 x 1200)	UXGA (1600 x 1200), 1080p (1920 x 1080)
Technology	0.7 DDR DLP™	0.7 DDR DLP™	0.7 DDR DLP™	0.95 DarkChip3™ DLP™
Size (W x L x H Inches)	13.56 x 3.72 x 9.67 inches	13.4 x 5 x 10.3 inches	13.4 x 5 x 10.3 inches	16.8 x 4.56 x 12.2 inches
Light Type	230W UHP	250W UHP	300W SHP	300W SHP
Bulb Life	2000/3000(EcoMode)	2000 / 3000(EcoMode)	2000 / 3000(EcoMode)	2000/3000(EcoMode)
HDTV	480 i/p, 576 i/p, 720 p, 1080i	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i, 1080p
Focus	Manual	Manual	Manual	Manual
Optical Zoom	F/2.4-2.6, f = 28-33.6 mm, 1.2 Manual Zoom	F/2.4 - 2.6, f = 28 - 33.6mm, 1.2 Manual Zoom w/Optional 0.8x short throw lens	F/2.4 - 2.6, f = 28 - 33.6mm, 1.2 Manual Zoom w/Optional 0.8x short throw lens	F/2.6-2.82, f = 39.12 -46.94 mm, 1.2 Manual Zoom
Horizontal scan rate (KHz)	15 - 100	15 - 100	15 - 100	15 - 100
Vertical refresh rate (Hz)	43 - 120	43 - 120	43 - 120	43 - 120
Noise (dB)	30dB / 27dB (BriteMode™/EcoMode)	30dB / 27dB (BriteMode™/EcoMode)	33dB / 28dB (BriteMode™/EcoMode)	30dB / 28dB (BriteMode™/EcoMode)
Throw Ratio	2.0 - 2.4:1	2.0 - 2.4:1	2.0 - 2.4:1	2.0 - 2.4:1
Image size (Diagonal)	24.6 - 300 inches	29.5 - 300 inches	29.5 - 300 inches	29.5 - 300 inches
I/O Connectors	<b>Inputs:</b> DVI-D HDCP, (2) VGA(YPbPr/RBG/SCART), S-Video, Composite <b>Audio:</b> (4) Audio minijack input, 1 Audio minijack output <b>Outputs:</b> VGA monitor loop through <b>Communications:</b> RS-232, USB, 2 x IR receiver	<b>Inputs:</b> DVI-I HDCP, VGA, S-Video, Component video, Composite video, USB <b>Audio:</b> 1 Audio minijack input, 1 Audio minijack output <b>Outputs:</b> VGA monitor loop through, USB <b>Communications:</b> RS-232, USB, 2 x IR receiver	<b>Inputs:</b> DVI-I HDCP, VGA, S-Video, Component video, Composite video, USB <b>Audio:</b> 1 Audio minijack input, 1 Audio minijack output <b>Outputs:</b> VGA monitor loop through, USB <b>Communications:</b> RS-232, USB, 2 x IR receiver	<b>Inputs:</b> DVI-I HDCP, VGA, S-Video, component video, composite video, USB, RJ-45 <b>Audio:</b> (4) stereo audio input and 1 stereo output <b>Outputs:</b> VGA monitor loop through, USB <b>Communications:</b> RS-232, USB, RJ-45(ethernet), 2 x IR receiver
Speaker	Two-2 watt speakers	Two-2 watt speakers	Two-2 watt speakers	Two-2 watt speakers
Warranty (years)	2	2	2	2
Available (MP)	Feb 2006	Now	Now	Jan 2006
UPC Code	796435 11 619 4	796435 11 568 5	796435 11 569 2	796435 11 617 0
Notes	<ul style="list-style-type: none"> <li>• Extensive connectivity for true HD digital DVI-D w/HDCP, Dual VGA (YPbPr)</li> <li>• Variable fan speed for high altitude</li> <li>• Revolutionary shield design prevents light emission and enables near silent operation</li> <li>• Extensive discrete audio input for each source</li> <li>• Estimated 10 second shutdown time</li> </ul>	<ul style="list-style-type: none"> <li>• Extensive connectivity for true HD; digital DVI-I w/HDCP, VGA (YPbPr), RCA component</li> <li>• Full feature remote control mouse with scroll wheel for easy navigation</li> <li>• Automatic pressure sensor controlled</li> <li>• Cooling for high altitude operation</li> <li>• Revolutionary shield design prevents light emission and enables near silent operation</li> </ul>	<ul style="list-style-type: none"> <li>• Extensive connectivity for true HD; digital DVI-I w/HDCP, VGA (YPbPr), RCA component</li> <li>• Full feature remote control mouse with scroll wheel for easy navigation</li> <li>• Automatic pressure sensor controlled</li> <li>• Cooling for high altitude operation</li> <li>• Revolutionary shield design prevents light emission and enables near silent operation</li> </ul>	<ul style="list-style-type: none"> <li>• Extensive connectivity for true HD; digital DVI-I w/HDCP, VGA(YPbPr), RCA component</li> <li>• Native SXGA+ (1400x 1050), with autosync up to UXGA (1600x1200) and 1080p (1920 x 1080)</li> <li>• Automatic Vertical Keystone correction</li> <li>• ClickKick™ - Easy 3-D Keystone adjustment</li> <li>• Network Management (Ethernet)</li> <li>• 10 bit per channel color detail reproduction</li> <li>• Undistorted 5:4, 4:3, 16:9(HDTV) support</li> <li>• Cooling for high altitude operation</li> </ul>

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